

CRF Errors Corrected by the STIC Systems Branch

PC TC9

Serial Number: 09/8-6/62

CRF Processing Date: 11/7/01
 Edited by: DC
 Verified by: DC (STIC sta

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: For Seq 90+91 moved seq 11 + 92-12, respectively, in <223>, to previous line to avoid complete misinterpretation

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PCT09

RAW SEQUENCE LISTING

DATE: 11/07/2001

PATENT APPLICATION: US/09/856,662

TIME: 09:18:51

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

3 <110> APPLICANT: MORIBE, Toyoki et al.
5 <120> TITLE OF INVENTION: Method for typing HLA class 1 genes
7 <130> FILE REFERENCE: 0032-0261P
9 <140> CURRENT APPLICATION NUMBER: US 09/856,662
10 <141> CURRENT FILING DATE: 2001-05-24
12 <150> PRIOR APPLICATION NUMBER: JP P1998-335151
13 <151> PRIOR FILING DATE: 1998-11-26
15 <160> NUMBER OF SEQ ID NOS: 130
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 23
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A98T
27 <400> SEQUENCE: 1
28 gaggtatttc ttcacatccg tgt 23
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 25
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A98A
38 <400> SEQUENCE: 2
39 atgaggtatt tctacacctc cgtgt 25
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 19
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A160A
49 <400> SEQUENCE: 3
50 tacgtggaca acacgcagt 19
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 15
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A239A
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61 caggaggagc cggag 15
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 15
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A238A

RAW SEQUENCE LISTING

DATE: 11/07/2001

PATENT APPLICATION: US/09/856,662

TIME: 09:18:51

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

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71 <400> SEQUENCE: 5
72 caggagaggc ctgag 15
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 18
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A240T
82 <400> SEQUENCE: 6
83 caggagggtc cggagtat 18
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 18
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe
92 A257TC
94 <400> SEQUENCE: 7
95 ttgggacctg cagacacg 18
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 17
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe
104 A259AC
106 <400> SEQUENCE: 8
107 gggaccggaa cacacgg 17
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 18
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A270T
117 <400> SEQUENCE: 9
118 gacacggaat gtgaaggc 18
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 20
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A282C
128 <400> SEQUENCE: 10
129 tgaaggccca ctcacagact 20
131 <210> SEQ ID NO: 11
132 <211> LENGTH: 20
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 11/07/2001

PATENT APPLICATION: US/09/856,662

TIME: 09:18:51

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

137 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A290T
139 <400> SEQUENCE: 11
140 actcacagat tgaccgagtg 20
142 <210> SEQ ID NO: 12
143 <211> LENGTH: 17
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A299T
150 <400> SEQUENCE: 12
151 agactgaccg agtggac 17
153 <210> SEQ ID NO: 13
154 <211> LENGTH: 17
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A302G
161 <400> SEQUENCE: 13
162 ccgagagagc ctgcgga 17
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 18
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A355G
172 <400> SEQUENCE: 14
173 tctcacaccg tccagagg 18
175 <210> SEQ ID NO: 15
176 <211> LENGTH: 19
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe
182 A362TA
184 <400> SEQUENCE: 15
185 ccgtccagat gatgtatgg 19
187 <210> SEQ ID NO: 16
188 <211> LENGTH: 19
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe
194 A362TT
196 <400> SEQUENCE: 16
197 ccctccagat gatgtttgg 19
199 <210> SEQ ID NO: 17
200 <211> LENGTH: 16
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 11/07/2001

PATENT APPLICATION: US/09/856,662

TIME: 09:18:51

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A368A
207 <400> SEQUENCE: 17
208 gaggatgtat ggctgc 16
210 <210> SEQ ID NO: 18
211 <211> LENGTH: 16
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A368G
218 <400> SEQUENCE: 18
219 gaggatgtgt ggctgc 16
221 <210> SEQ ID NO: 19
222 <211> LENGTH: 16
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A368T
229 <400> SEQUENCE: 19
230 gaggatgttt ggctgc 16
232 <210> SEQ ID NO: 20
233 <211> LENGTH: 16
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A402G
240 <400> SEQUENCE: 20
241 cgcttcctgc gcgggt 16
243 <210> SEQ ID NO: 21
244 <211> LENGTH: 17
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A423T
251 <400> SEQUENCE: 21
252 caggacgctt acgacgg 17
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 16
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A448C
262 <400> SEQUENCE: 22
263 catcgccctg aacgag 16
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 16
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 11/07/2001

PATENT APPLICATION: US/09/856,662

TIME: 09:18:51

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

271 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A485A
273 <400> SEQUENCE: 23
274 gcggacaagg cagctc 16
276 <210> SEQ ID NO: 24
277 <211> LENGTH: 16
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A524G
284 <400> SEQUENCE: 24
285 gcggcccgtg tggcgg 16
287 <210> SEQ ID NO: 25
288 <211> LENGTH: 17
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A526T
295 <400> SEQUENCE: 25
296 cggcccgttg ggcggag 17
298 <210> SEQ ID NO: 26
299 <211> LENGTH: 15
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A527A
306 <400> SEQUENCE: 26
307 gcccattgagg cggag 15
309 <210> SEQ ID NO: 27
310 <211> LENGTH: 15
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe
316 A538CG
318 <400> SEQUENCE: 27
319 gagcagcggg gagtc 15
321 <210> SEQ ID NO: 28
322 <211> LENGTH: 16
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA probe A539A
329 <400> SEQUENCE: 28
330 gagcagcaga gaggcct 16
332 <210> SEQ ID NO: 29
333 <211> LENGTH: 15
334 <212> TYPE: DNA
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/856,662

DATE: 11/07/2001

TIME: 09:18:52

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\11072001\I856662.raw

PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,662

DATE: 10/29/2001

TIME: 13:07:49

Input Set : A:\0032-0261P.ST25.txt

Output Set: N:\CRF3\10292001\I856662.raw

Done

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needed

3 <110> APPLICANT: MORIBE, Toyoki et al.
 5 <120> TITLE OF INVENTION: Method for typing HLA class 1 genes
 7 <130> FILE REFERENCE: 0032-0261P
 9 <140> CURRENT APPLICATION NUMBER: US 09/856,662
 10 <141> CURRENT FILING DATE: 2001-05-24
 12 <150> PRIOR APPLICATION NUMBER: JP P1998-335151
 13 <151> PRIOR FILING DATE: 1998-11-26
 15 <160> NUMBER OF SEQ ID NOS: 130
 17 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

1023 <210> SEQ ID NO: 90
 1024 <211> LENGTH: 19
 1025 <212> TYPE: DNA
 1026 <213> ORGANISM: Artificial Sequence
 1028 <220> FEATURE:
 1029 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
 E--> 1030 cga011
 W--> 1032 <210> SEQ ID NO: *inserted cga011 into line above to avoid computer interpretation*
 W--> 1032 <211> LENGTH:
 W--> 1032 <212> TYPE:
 W--> 1032 <213> ORGANISM:
 1032 <400> SEQUENCE: 90
 E--> 1033 ccgaaccctc ctcttgcta 19
 1035 <210> SEQ ID NO: 91
 1036 <211> LENGTH: 19
 1037 <212> TYPE: DNA
 1038 <213> ORGANISM: Artificial Sequence
 1040 <220> FEATURE:
 1041 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
 E--> 1042 cga012
 W--> 1044 <210> SEQ ID NO: *same as above*
 W--> 1044 <211> LENGTH:
 W--> 1044 <212> TYPE:
 W--> 1044 <213> ORGANISM:
 1044 <400> SEQUENCE: 91
 E--> 1045 ccgaaccctc gtcctgcta 19

VERIFICATION SUMMARY

DATE: 10/29/2001

PATENT APPLICATION: US/09/856,662

TIME: 13:07:51

Input Set : A:\0032-0261P.ST25.txt

Output Set: N:\CRF3\10292001\I856662.raw

L:1030 M:254 E: No. of Bases conflict, LENGTH:Input:11 Counted:3 SEQ:90
L:1030 M:112 C: (48) String data converted to lower case,
L:1030 M:252 E: No. of Seq. differs, <211>LENGTH:Input:19 Found:3 SEQ:90
L:1032 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:1032 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:1032 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:1032 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:1042 M:254 E: No. of Bases conflict, LENGTH:Input:12 Counted:3 SEQ:91
M:112 Repeated in SeqNo=91
L:1042 M:252 E: No. of Seq. differs, <211>LENGTH:Input:19 Found:3 SEQ:91
L:1044 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:1044 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:1044 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:1044 M:282 W: Numeric Field Identifier Missing, <213> is required.